

ASSISTANT COMMISSIONER FOR PATENTS
Washington, D.C. 20231

Docket No.

HSJ920030208US1
PATENT



Sir:

Transmitted herewith for filing is the Patent Application of

Inventor(s): Freitag et al

For: SELF-PINNED SPIN VALVE SENSOR WITH A HIGH COERCIVITY ANTIPARALLEL (AP) PINNED LAYER

Enclosed with the Patent Application are:

1. 6 sheet(s) of formal drawing(s)
2. An executed Declaration and Power of Attorney
3. Recordation Form Cover Sheet w/Assignment to *Hitachi Global Storage Technologies, Inc.*
4. Information Disclosure Statement (with PTO Form 1449 and Cited References)
- A certified copy of a _____ application.

The filing fee has been calculated as shown below:

	(Col. 1)	(Col. 2)	OTHER THAN A SMALL ENTITY	
FOR:	NO. FILED	NO. EXTRA	RATE	FEE
BASIC FEE				\$750.00
TOTAL CLAIMS	23 - 20	= 3	x 18 =	\$ 54.00
INDEP CLAIMS	3 - 3	= 0	x 86 =	\$.00
— MULTIPLE DEPENDENT CLAIM PRESENTED			+ 290 =	\$
*If the difference in Col. 1 is less than "0", enter "0" in Col. 2			ASSIGNMENT (SEPARATE COVER SHEET ATTACHED)	
			TOTAL	\$ 804.00

- ☒ Please charge my Deposit Account No. 50-2587 in the amount of \$ 804.00. A duplicate copy of this sheet is attached.
- ☐ A check in the amount of \$ _____ to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-2587. A duplicate copy of this sheet is attached.
- ☒ Any additional filing fees required under 37 CFR 1.16.
- ☒ Any patent application processing fees under 37 CFR 1.17.

EXPRESS MAIL CERTIFICATE

I hereby certify that the above paper/fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated below and is addressed to MS: Patents, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

"Express Mail No.: EL995203252US
Date of Deposit: Dec. 3, 2003
Person Mailing Paper/Fee: Mary Lou Domenici

Signature: _____

Respectfully submitted,

Ervin F. Johnston (#20,190)
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